

**ABSTRACT OF THE DISCLOSURE**

A filter for removing electric noises from an electric wire is disclosed to include an electrically insulative hollow cylindrical casing formed of two symmetric half shells joined by flexible hinge strips and detachably locked by a fastening device, each half shell having two notched end walls and a male locating device, and two magnetic core members mounted inside the casing and abutted against each other to hold an electric wire in therebetween, each magnetic core member having a longitudinally extended recessed portion located on the inside wall to accommodate the electric wire and a female locating device for receiving the male locating devices of the half shells of the casing.